

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

**Base Year Modification Request Certification**

**Part 1: Generation Study - No Extrapolation Diversion Data**

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

**California Integrated Waste Management Board**  
**Office of Local Assistance**  
**1001 I Street, (MS-25)**  
**PO Box 4025**  
**Sacramento, CA 95812-4025**

**General Instructions:**

Please select the **ONE** choice below that best explains your request to the Board.

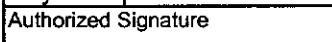
1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.  
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

**Section I: Jurisdiction Information and Certification**

*All respondents must complete this section.*

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name <b>City of Imperial</b>	County <b>Imperial</b>		
Authorized Signature 	Title <b>Director of Public Works</b>		
Type/Print Name of Person Signing <b>Vincent L. Long III</b>	Date <b>4/15/2002</b>	Phone ( ) Include Area Code <b>760-337-4538</b>	
Person Completing This Form (please print or type) <b>JB West</b>	Title <b>Recycling Coordinator</b>		
Affiliation: <b>Imperial Valley Waste Management Task Force</b>			
Mailing Address <b>1275 Main Street</b>	City <b>El Centro</b>	State <b>CA</b>	ZIP Code <b>92243</b>
E-Mail Address <b>jwest@CityofElCentro.org</b>			

**Section II: Information for New Generation-Based Study for Existing or New Base Year**

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base year:

1991

2. Proposed new generation-based study year:

2000

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The original base year did not include commercial and industry diversion tonnage. The new base year represents more accurate diversion status.

**4. Enter diversion rate information below.**

Diversion rate calculated using existing base year	a. 18 %	Diversion rate calculated using new generation-based study	b. 37 %
For existing base year pounds/person/day based on generation	1.97	For new generation based study pounds/person/day based on generation	9.5
Residential generation 41 % Non-Residential generation 59 %		Residential generation 26% % Non-Residential generation 74% %	
Population existing generation-based study	4,372		7,725

5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).

In 1996 two large construction and demolition facilities began recycling operations in the Imperial County. Both of these organizations maintain records which delineate the jurisdictions from which materials are collected.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

<b>7. Disposal Tonnage (enter values):</b>	3532	Residential	5082	Total	3884
Please select the ONE choice below that best explains your disposal data and complete the required tables.					
<input checked="" type="checkbox"/> a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)					
<input type="checkbox"/> b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification Sheet found at www.ciwmrb.ca.gov/lGCentral/Forms/rytnmdrq.doc)					
<input type="checkbox"/> c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmrb.ca.gov/lGCentral/Forms/rytnmdrq.doc)					

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. **Note:** The Board expects the jurisdictions to be able to provide all back-up documentation, if requested. Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes/inert solids [e.g., concrete, asphalt, dirt, white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

\*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.					
Diversion Activity	Actual Tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation or multiple materials in this box)	Specific Commodity Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmrb.ca.gov/lGCentral/PartC0des/Reduce.htm	(A)	(A/Tot Generation)			
<b>Residential Source Reduction Activities</b>					
Backyard composting		0.0%			
Grasscycling		0.0%			
<b>Other Residential Source Reduction (list each program separately)</b>					
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
<b>Subtotal: Residential Source Reduction</b>	<b>0</b>	<b>0.0%</b>			
<b>Residential Recycling Activities</b>					
<b>Outside Recycling</b>					
Buyback Centers	69	0.5%	CRV	weight report	City office
Drop-off Centers					

**Agenda Item  
Attachment 2b**

Board Meeting  
August 20-21, 2002

Diversion Activity	Actual tons	Relative Percentage (AT ton Generation)	Specific Material Types (List operation with multiple materials in one box)	Specific Conservation Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.civmnd.ca.gov/GGentral/ParisCodesReduce.htm">www.civmnd.ca.gov/GGentral/ParisCodesReduce.htm</a>	(A)				
<b>Other Residential Recycling (list each program separately)</b>					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Residential Recycling</b>	<b>69</b>	<b>0.5%</b>			
<b>Residential Composting Activities</b>					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Christmas Tree Program</b>					
<b>Other Residential Composting (list each program separately)</b>					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Residential Composting</b>	<b>0</b>	<b>0.0%</b>			
<b>Subtotal Residential Diversion</b>	<b>69</b>	<b>0.5%</b>			
<b>Non-Residential Source Reduction</b>					
Activities:					
Enter program name					
Enter program name					
Enter program name					
<b>Non-Residential Waste Audits</b>	<b>1</b>	<b>0.0%</b>			
<b>Other Non-Residential Source Reduction (list each program separately)</b>					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Non-Residential Source Reduction</b>	<b>1</b>	<b>0.0%</b>			

Diverter/Activity	Actual Tons	Relative Percent to Total Generation	Specific Material Type(s) that operation/wastes in one box	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at <a href="http://www.dswm.ca.gov/EGCentral/2Plus/CDs/Reduce.htm">www.dswm.ca.gov/EGCentral/2Plus/CDs/Reduce.htm</a>	(a)	(A) Actual Generation			
<b>Recycling</b>					<b>See Section 9</b>
<b>Non-Residential Waste Audit*</b>	37	0.3%			<b>See Section 9</b>
<b>Other Non-Residential Recycling (list each program separately)</b>					<b>See Section 9</b>
Buyback for commercial pickup	47	0.3%	cardboard, ONP, pellets	actual weight	City office
Rendered	101	0.7%	grease	weight tickets and route sheet	City office
Enter program name					
Subtotal Non-Residential Recycling	145	1.3%			
<b>Non-Residential Composting Activities</b>					<b>See Section 9</b>
<b>Non-Residential Waste Audit*</b>	8	0.1%			<b>See Section 9</b>
<b>Other Non-Residential Composting (list each program separately)</b>					<b>See Section 9</b>
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Non-Residential Composting</b>	8	0.1%			
<b>Subtotal Non-Residential Diversion</b>	193	1.4%			
<b>Residential/Non-Residential Diverter Activities</b>					
ADC					
Sludge					
Scrap Metal	174	1.3%	weight report	actual weight	City office
Construction and Demolition	4698	34.2%	concrete and asphalt	actual weight	City office
Landfill/Salvage					
<b>Subtotal Residential/Non-Residential Diversion</b>	4872	35.4%			
<b>Total Res/Non-Res. Source Reduction Tons</b>	1	0.0%			
<b>Total Diversions Tons</b>	5,333	37.3%			
<b>Total Disposal Tons from Sec. 7</b>	8644	62.7%			
<b>Total Generation Tons (Div+Dis)</b>	13747				
<b>Diversion Rate</b>	37%				

Please complete this table for the top 10 non-residential generators that were surveyed total diversion tons. Audit reference number ties to your audit sheets.  
**(Table will perform all addition calculations).**

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

Type of Non- Residential Generator	Audit Reference Number	Specific Major Diversion Activities (e.g., paper recycling, grass recycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (%)	Survey Method
								Phone (P)
								Mall (M)
foodbank	114	carpet & foam pad recycling, pallet recycling, carpet reuse produce composting, pallet recycling	0	31		31	0.2%	Other —
carpet	35	carpet & foam pad recycling, pallet recycling, carpet reuse	0	31		31.41	0.2%	On-site (O)
hardware	98	foam pad recycling, carpet reuse paper, wood scraps, sawdust, and toner cartridge recycling	1	3		8.5	0.1%	Phone (P)
hardware	7	pallet recycling	0			0.2	0.0%	Other —
								P
								O
								P
								O
								O
								Totals
						0.9	36.87	7.5
						45.27	0.3%	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey

**Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard tonnages used.**

pallets: businesses 35, 114, 7: # of pallets x 40 lbs per pallet  
sawdust: business 98, 375 lb/cu yd (Tellus)  
carpet: business 35: actual weight of one truck load of carpet bales, less weight of truck divided by average # of bales per load (to get average weight of one bale), times total number of bales to get total weight recycled; business # 12, 2 lbs per carpet sample  
carpet foam pad: 140 lbs per bale times average number of bales per month  
produce composting: business 114, 3/4 ton per truck load times number of truck loads  
toner cartridge: business 98, 2.5 lbs each

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concreter, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

*Note: program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.").*

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Inert Solids	▼ Grinding and recycling of concrete & asphalt	1996	3000
Inert Solids	▼ Grinding and recycling of concrete & asphalt	1992	1698
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (*Note: this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.*
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

*Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.*

Instead please provide date of Board approval of previously submitted information.

\_\_\_\_\_ (Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. *Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.*

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			

		Recycling	carpet	donated 1/3 of 900 2 lb samples donated per yr = 300 x 2 lbs per year = 600 lbs	0.30	0.30			<b>31.41 144.3</b>
114 foodbank		canned goods, produce, toiletries		600 family signatures per week x 4 per family = 2400 people per week x 124,800 people per yr @ 50 lbs per person distributed=6,240,000					
	Recycling	pallets		50 per week x 52 @ 40 lbs ea = 104,000 lbs	0 3420	7.50			
48 energy	Recycling	inert materials		110 truck loads of concrete rubble pr year. Each truck holds 8 cubic yards @ 1,855 lbs per cubic yard = 1,632,400	1 52				<b>8.50 3472.00</b>
									<b>0 846.20</b>
									<b>45.27 4495.30</b>
<b>Materials Handler</b>									
111 BuyBack	Recycling	cardboard	weight tickets		40.10				
	Recycling	newspaper	weight tickets		6.80				
	Recycling	pallets	weight tickets		0.20				<b>47.10</b>
113 Renderer	Recycling	grease	weight tickets and route sheets		100.63	62.05			
									<b>100.63 62.05</b>
112 Construction	Recycling	inert materials	weight tickets		3000.00				<b>3000.00</b>
999 CRV	Recycling	CRV containers	weight report		68.58	-0			
									<b>68.58 0</b>
116 Scrap Metal	Recycling	scrap metal	weight report		173.89	0			
115 Construction	Recycling	inert materials	weight tickets		1,697.67	2500			
									<b>173.89</b>
									<b>1697.67 2500</b>
									<b>Subtotal</b>
TOTALS									<b>5087.87 5699.15</b>
									<b>Totals</b>
					249.21	0.45133.14 989	7.50		<b>5133.14 9804.45</b>

<b>Attachment 9</b>		<b>City of Imperial</b>					
Ref #	Business Type	Diversion Activity	Material Type	Conversion Factor	Source Reduction Tons	Recycling Tons	Composting tons
7	Hardware	Recycling	Pallets	10 per year @ 40 lbs ea = 400 lbs		0.20	
83	Industry	Recycling	drums	50 55-gallon drums per year			
12	carpet	Recycling	carpet	20 bales of carpet per month x 12 = 240 bales @ 140 lbs per bale = 33600 lbs	600 square yards donated @ 2 lbs per square yd. = 1200 lbs	3.36	46.8
52	school	Recycling	paper, cardboard	1 ream paper donates per month @ 5 lbs ea x 12 month = 60 lbs		0.6	
98	hardware	Recycling	paper	30 gallon container 30 x per yr = 900 gallons per year; 1 cubic yard = 37.5 lbs; 900 gal = 4.5 cubic yards x 375 lbs = 1,687.5 lbs		0.03	
		Recycling	sawdust	2 bins per year (bins 3x3'x6'=54 cubic feet - 2 cubic yards @659 lbs		0.84	
		Recycling	woodscraps	4 per year @ 2.5 lbs ea = 10 lbs	0.04	0.33	
		Recycling	toner cartridges	1,500 square yards per week x 52 = 78000 sq. yrd @ 2 lbs per sq. yard = 156000d			1.20
35	carpet	Recycling	foam pad		7	78	
		Recycling	carpet	400 bales @300 lbs each = 120,000 lbs=		16.31	60
		Recycling	pallets	25 per month x 12 = 300 per yr @ 40 lbs ea=12,000 lbs		7.80	6